

### PROJECT OVERVIEW

DESCRIPTION: THIS SITE RECEIVES UNCONTROLLED RUNOFF FROM THE VILLAGE CENTER TO THE SOUTH AND EAST. TO BETTER MANAGE SURFACE FLOW AND PROVIDE THE REMOVAL OF SEDIMENT BEFORE DISCHARGE TO THE WHITE RIVER, THIS CONCEPT INCLUDES NEW CATCH BASINS AND STORM LINES ALONG THE RIVER-FACING SIDE OF THE BUILDING AS WELL AS HYDRODYNAMIC SEPARATOR UNIT INSTALLED ON THE SOUTHWEST CORNER OF THE LOT. ADDING A VEGETATED BUFFER TO THE SHADED AREA ON THE PLAN IS RECOMMENDED TO STABILIZE THE BANK AND FILTER ADDITIONAL SURFACE FLOW.

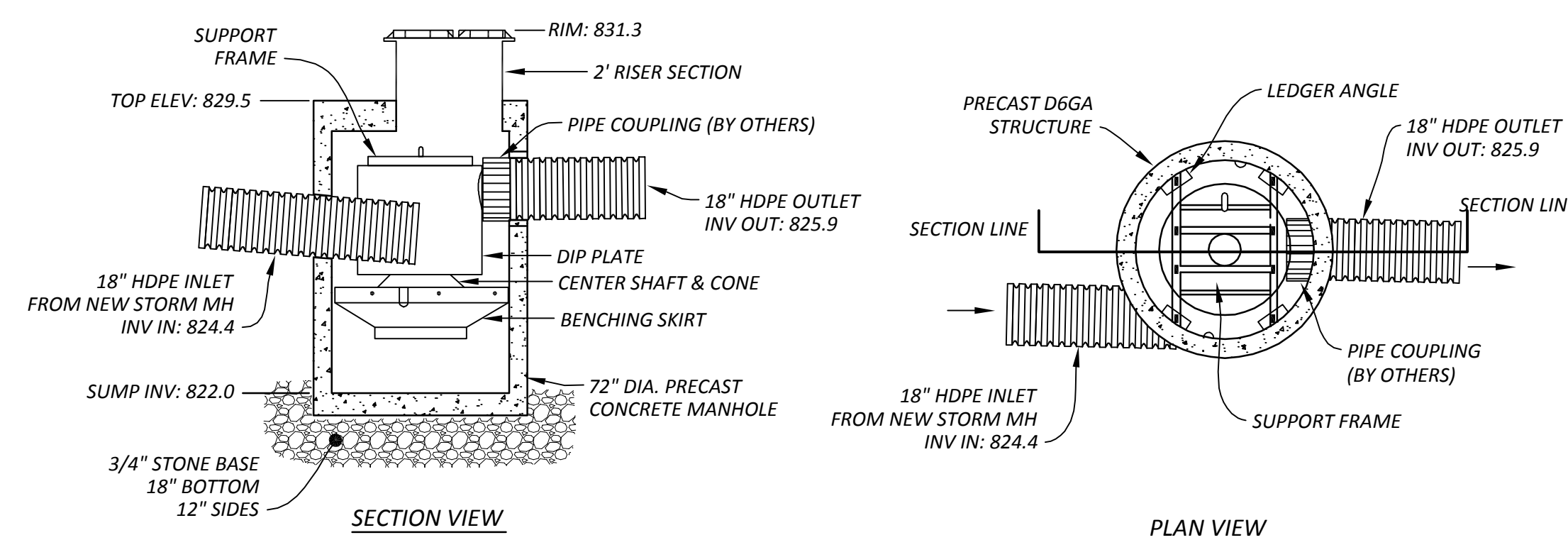
AREA TREATED: 2.5 ACRES

### NOTES

- THIS IS NOT A BOUNDARY SURVEY. PROPERTY BOUNDARIES ARE FROM TOWN OF ROCHESTER TAX MAPS AND AREA APPROXIMATE
- EXISTING TOPOGRAPHY IS VT LIDAR DATA.
- EXISTING STORMWATER INFRASTRUCTURE SHOWN IS FROM TOTAL STATION SURVEY CONDUCTED BY THIS OFFICE ON 8/23/18. OTHER UTILITIES SHOWN ARE FROM VARIOUS SOURCES AND ARE APPROXIMATE. ALL UNDERGROUND UTILITIES MUST BE FIELD LOCATED PRIOR TO ANY DISTURBANCE OR CONSTRUCTION.

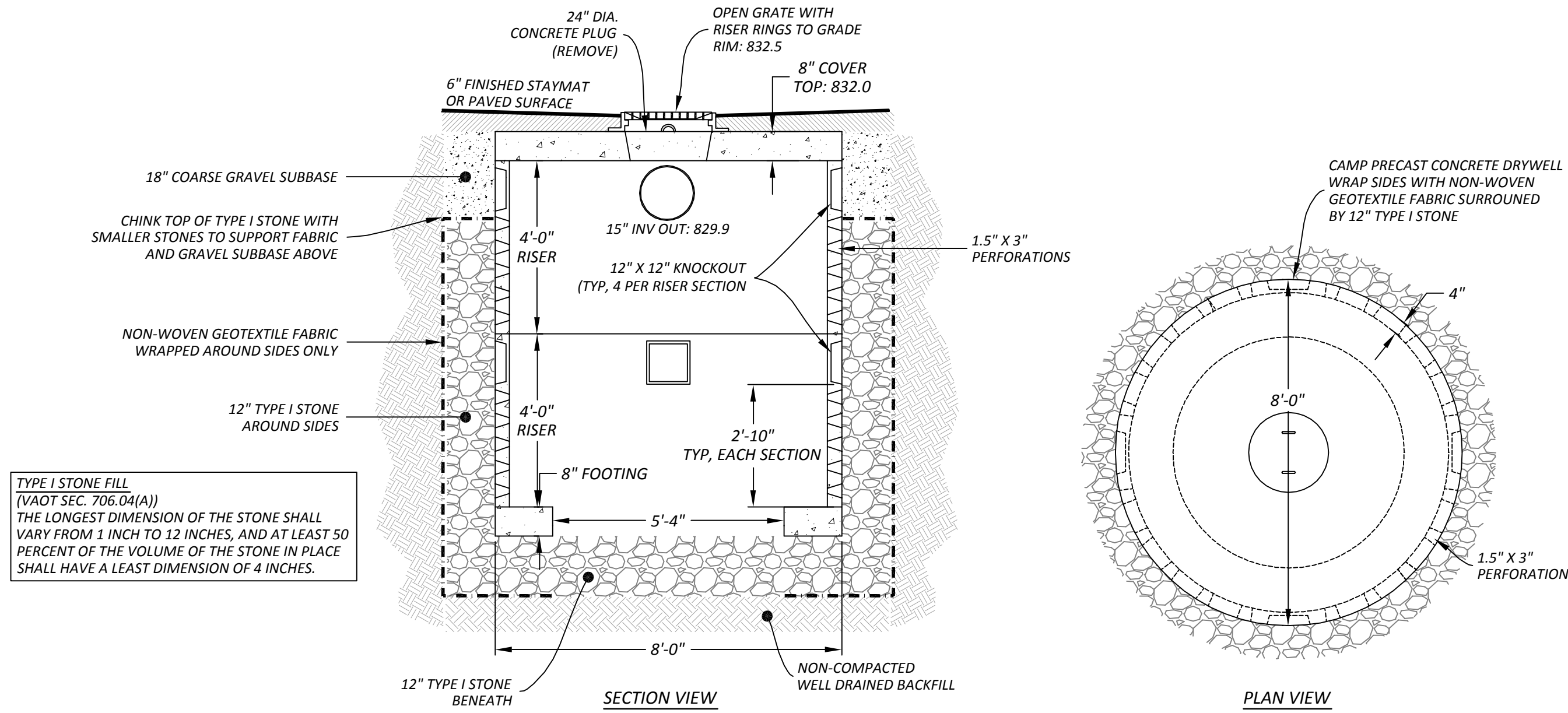
### LEGEND

- PROPERTY LINE
- EXISTING CONTOUR
- FINISH GRADE CONTOUR
- EXISTING STORM DRAIN LINE
- CHAIN LINK FENCE
- SEWER LINE
- WATER LINE
- EXISTING CATCH BASIN
- HYDRANT
- SEWER MANHOLE



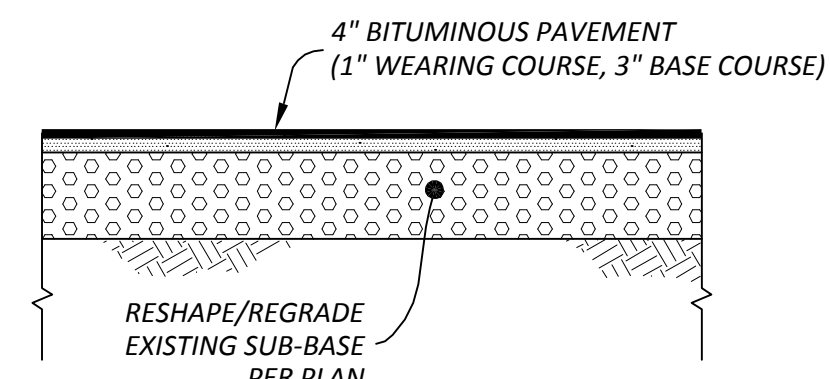
### HYDRO INT'L MODEL D6GA DOWNSTREAM DEFENDER DETAIL

NTS



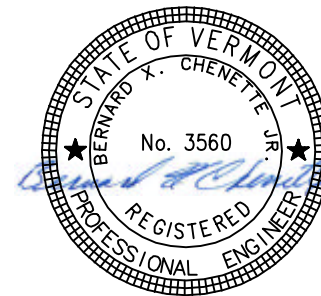
### DRY WELL DETAIL

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### NEW PAVEMENT SECTION

NTS



FOR BID

REVISIONS:		REVISED/ADDED STORM STRUCTURES	SMS
2	1-5-21	NEW PAVEMENT/STAYMAT AREA	SMS
1	12-19-19		

### ROCHESTER STORMWATER MASTER PLAN ROCHESTER, VERMONT

### TOWN GARAGE SITE PLAN



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APPROVED BY:	AT	DRAWN BY:	SMS	SCALE:	NOTED
DATE:	9/11/19.	CHECKED BY:	AT	SHEET:	1 OF